

Figure 1: Reaction Pathway of *rac*-Bicalutamide Synthesis Starting From Ethyl Pyruvate.

The abbreviations used are: DABCO: 1,4 diazabicyclo[2.2.2]octane; 4-FPMS: 4-fluorophenyl methyl sulfone; ACB: 5-amino-2-cyano-benzotrifluoride; THF: tetrahydrofuran; and BCL: *rac*-bicalutamide.

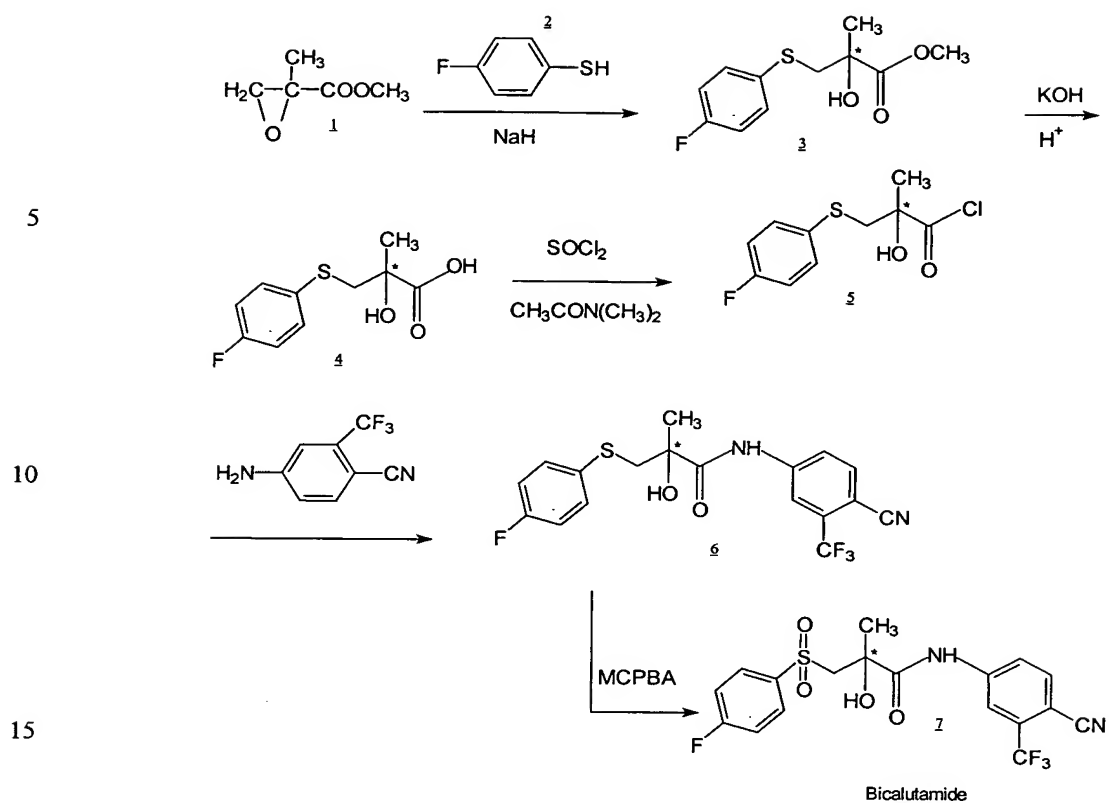


Figure 2: Reaction Pathway of *rac*-Bicalutamide Synthesis Starting From Methyl Methacrylate.